

## OPTIMIZE PROJECT SCHEDULE AND RISK WITH AGILE ESTIMATION

**Course Code: AK404**

**Duration: 1 day**

**Credits: 7 CEUs / 7 PDUs**

### Course Description

This comprehensive one-day course guides participants on how to create optimal iterative risk tolerant project schedules by applying the learned best-practiced Agile estimating and risk management techniques.

### Target Audience

Individuals who will benefit from this course include executives, business sponsors, portfolio managers, program managers, product managers, project managers, project team leaders, project team members, project subject matter experts, project management office staff, and anyone interested in learning more about leveraging best-practiced Agile estimating and risk management techniques.

### Course Objectives

- Defining Agile project planning concepts
- Learning and applying proven Agile estimating and risk management techniques

### Course Outline

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#### Module 1: Agile Project Planning

- Product Vision and Roadmap
- Releases, Themes, and Epics
- Iteration Planning with User Stories
- Exercise: Group workshop on applying agile planning best practices

#### Module 2: Agile Estimation in Practice

- Agile Estimation Techniques
- Relative Sizing and Story Points
- Planning Poker
- Exercise: Group workshop on applying agile planning best practices

#### Module 3: Risk Introduction

- Risk concepts and factors
- Cone of Uncertainty
- Organic and Overt Risk Management
- Exercise: Class discussion on risk factors that threaten project success

#### Module 4: Agile Risk Practices

- Risk Practices Overview
- Impediments List
- Risk Register and Risk Matrix
- Risk Census and Burn-down chart
- Risks in Agile project initiation/closure
- Minimal Viable Product (MVP)
- Exercise: Group workshop on applying agile risk practices